Appln No.: New Page 1 of 11
Applicant(s): Arai et al.
DRIVING CIRCUIT FOR VACUUM FLUORESCENT DISPLAY

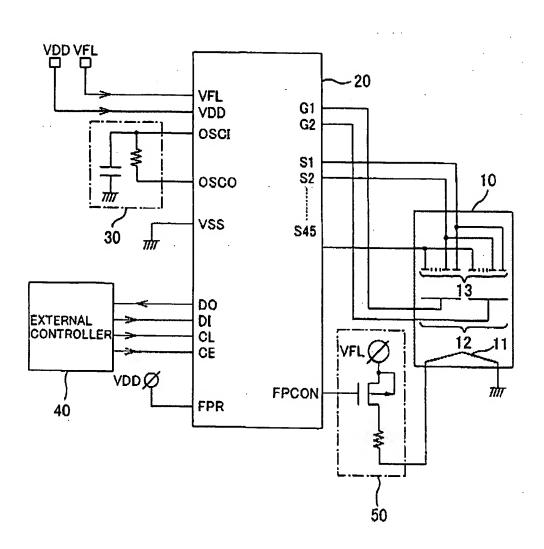
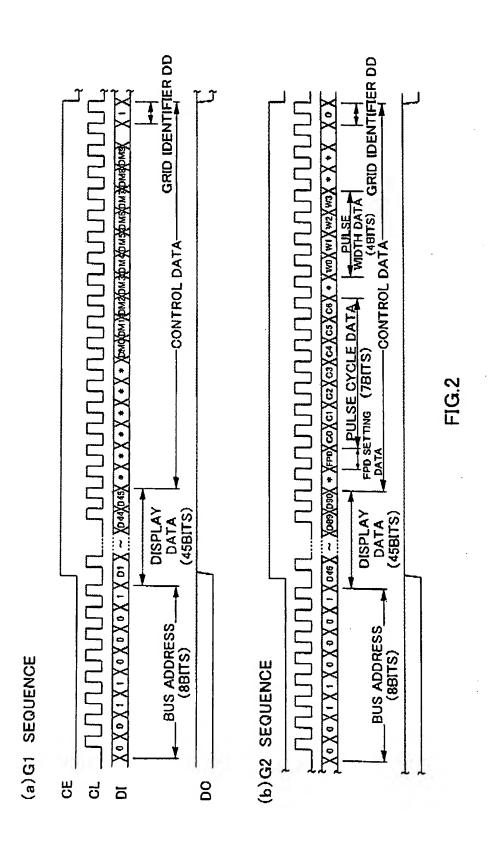
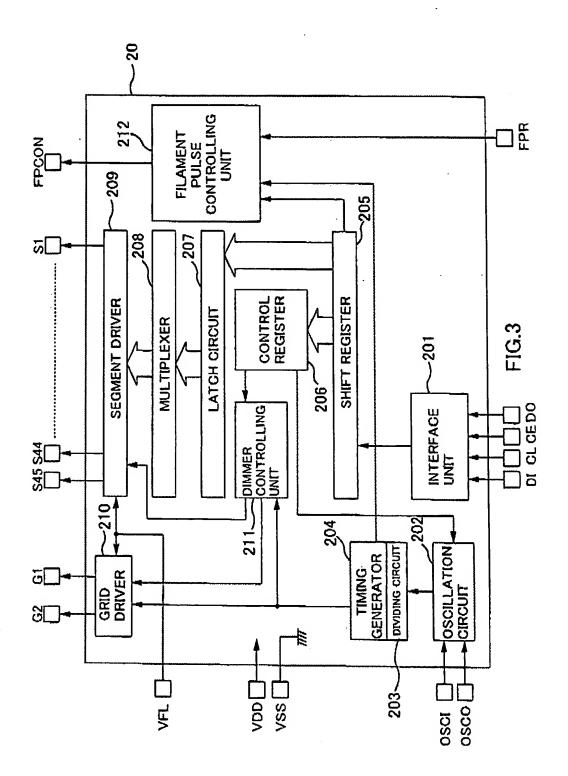
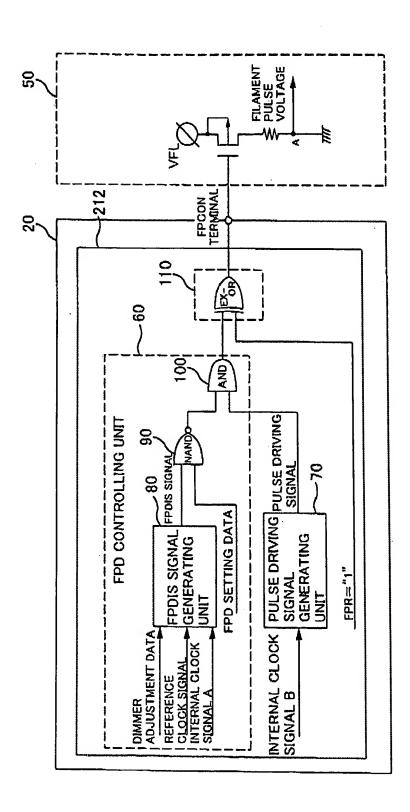


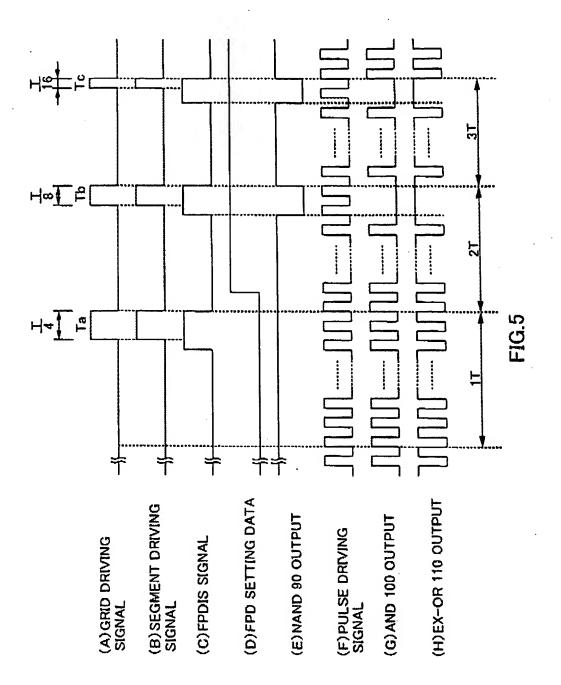
FIG.1



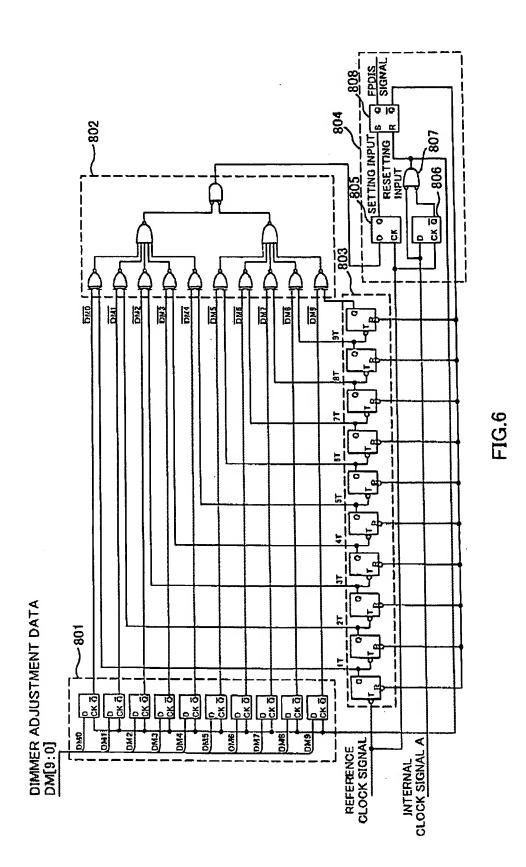
Appln No.: New Page 3 of 11
Applicant(s): Arai et al.
DRIVING CIRCUIT FOR VACUUM FLUORESCENT DISPLAY







Appln No.: New Page 6 of 11
Applicant(s): Arai et al.
DRIVING CIRCUIT FOR VACUUM FLUORESCENT DISPLAY



## (A) REFERENCE CLOCK SIGNAL

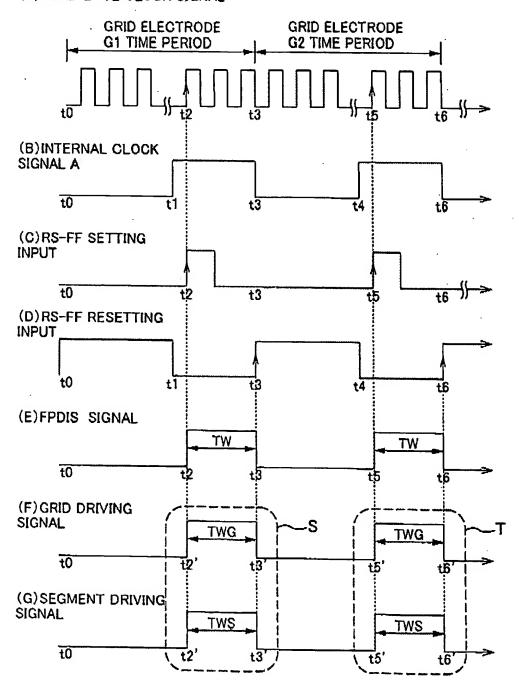


FIG.7

Appln No.: New Page 8 of 11
Applicant(s): Arai et al.
DRIVING CIRCUIT FOR VACUUM FLUORESCENT DISPLAY

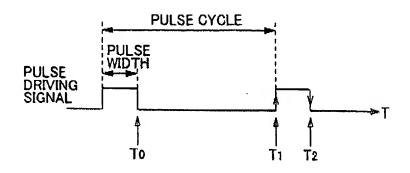


FIG.8

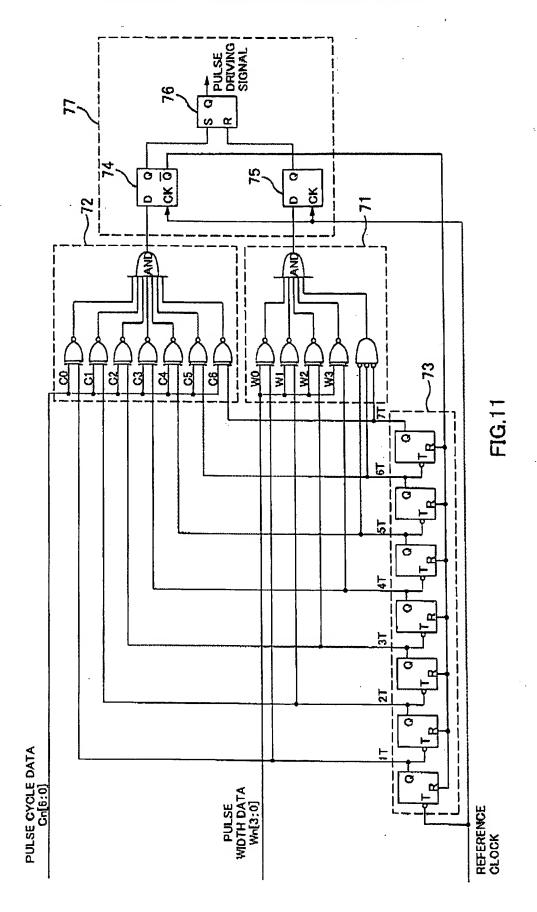
W3	W2	W1	WO VALUE SET		FPC PULSE WIDTH				
0	0	0	0						
0	0	0	1	3	3/fosc				
0	0	1	0	4	4/fosc				
	~								
0	1	1	0	8	8/fosc				
	~								
1	1	1	0	16	16/fosc				
1	1	1	1	17	17/fosc				

FIG.9

C6	C5	C4	C3	C2	C1	CO	VALUE SET FOR Cn	FPC PULSE CYCLE
0	0	0	0	0	0	0		
0	0	0	0	0	0	1	_	_
0	0	0	0	0	1	0	4	4/fosc
0	0	0	0	0	1	1	5	5/fosc
	~							
1	0	0	0	1	1	0	72	72/fosc
	~							
1	1	1	1	1	1	0	128	128/fosc
1	1	1	1	1	1	1	129	129/fosc

FIG.10

Appln No.: New Page 9 of 11
Applicant(s): Arai et al.
DRIVING CIRCUIT FOR VACUUM FLUORESCENT DISPLAY



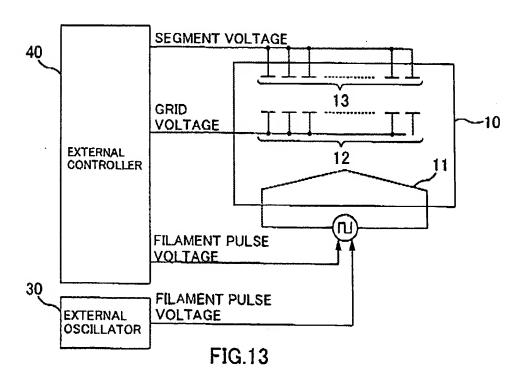
Applicant(s): Arai et al.
DRIVING CIRCUIT FOR VACUUM FLUORESCENT DISPLAY

DM9	DM8	DM7	DM6	DM5	DM4	DM3	DM2	DM1	DM0	DIMMER VALUE (TW/T)
0	0	0	0	0	0	0	0	0	0	0/1024
0	0	0	0	0	0	0	0	0	1	1/1024
0	0	0	0	0	0	0	0	1	0	2/1024
				į	₹					1
1	1	1	1	1	1	1	1	0	0	1020/1024
1	1	1	1	1	1	1	1	0	3	1021/1024
. 1	1	1	1	1	1	1	1	1	0	1022/1024
	1	1	1	1	1	1	1	1	1	IMPOSSIBLE TO SET

TW T (b)

1;

**FIG.12** 



Appln No.: New Page 11 of 11
Applicant(s): Arai et al.
DRIVING CIRCUIT FOR VACUUM FLUORESCENT DISPLAY

